



# Panasonic Toughbook CF-29 Back Cover Replacement

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## INTRODUCTION

This guide provides the steps to remove the back cover. This process is necessary to access many of the components inside.

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### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



- Locate the bay door for the battery on the left side of the laptop.

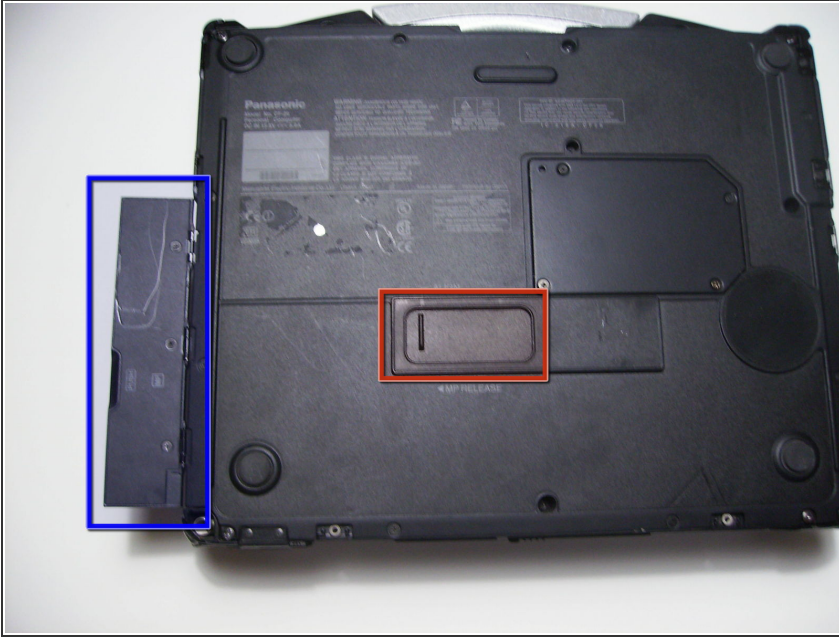
## Step 2



- Slide the latch to the right and then down to unlock it.
- Pull out the battery.

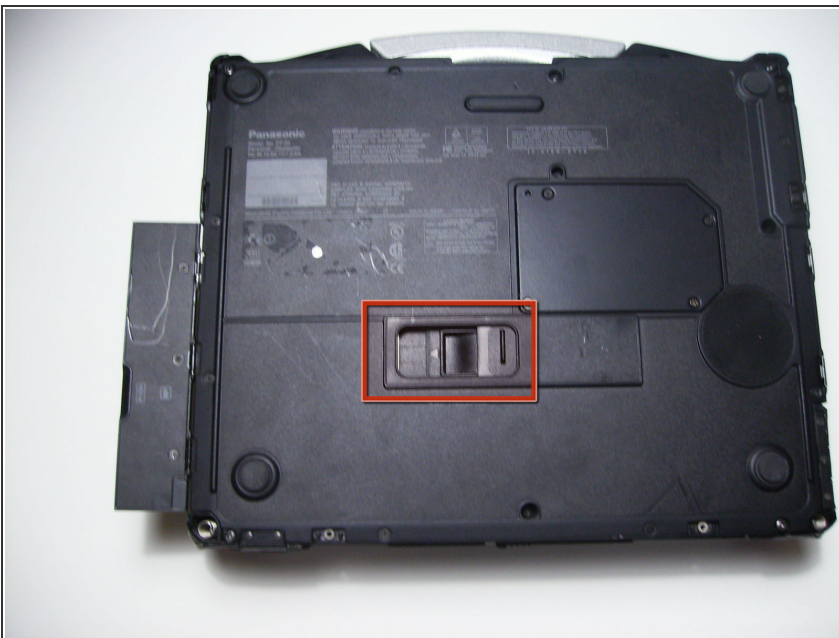


## Step 3 — Optical Drive



- Flip the device upside down with the handle facing away from you.
- Open the optical drive bay by sliding its latch to the right.
- Locate optical drive release mechanism on the bottom of the laptop.

## Step 4



- Slide the latch cover to the right.

## Step 5



- Push the exposed switch to the left to eject the optical drive.

## Step 6 — Back Cover



- Begin by turning the laptop upside down with the handle towards you.
- Use a Phillips size 0 screwdriver to remove the 4 screws holding down the ram cover.

## Step 7



- Remove the panel and set it aside.
- Use a Phillips size 0 screwdriver to remove these 8 small screws.

## Step 8



- Use a Phillips size 1 screwdriver to remove the remaining 8 screws.

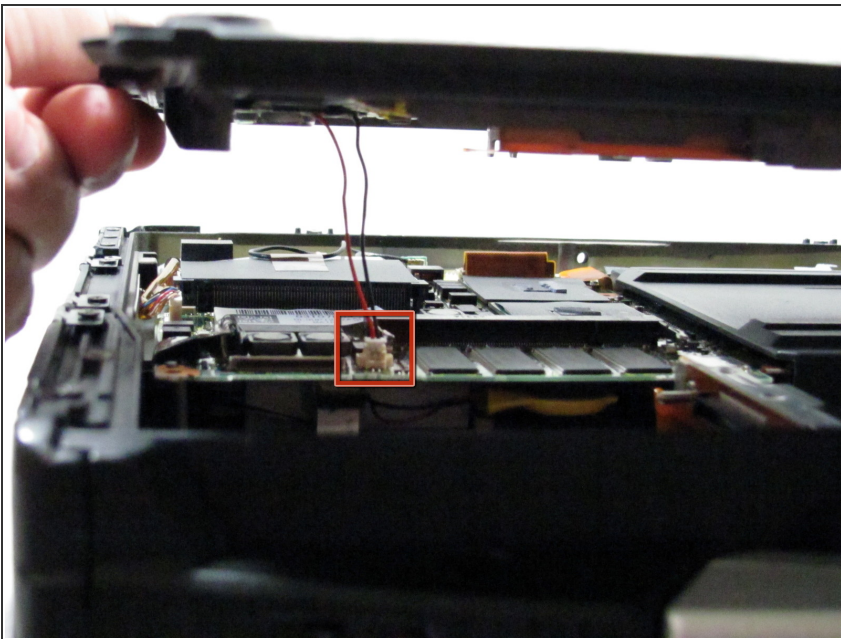


## Step 9



- Use a plastic opening tool to release, but NOT remove, the back cover because it is sealed with adhesive.

## Step 10



- ⚠ Be careful when lifting the cover as you may damage some connections.
- Slowly lift the cover so that you can disconnect the red and white wires connecting the speaker to the sound card.

## Step 11



- Now the back cover should be off and you can access the inside of the casing.

To reassemble your device, follow these instructions in reverse order.

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